

Package ‘amerika’

May 3, 2019

Type Package

Title American Politics-Inspired Color Palette Generator

Version 0.1.0

Maintainer Philip Waggoner <philip.waggoner@gmail.com>

BugReports <https://github.com/pdwaggoner/amerika/issues>

Description

A color palette generator inspired by American politics, with colors ranging from blue on the left to gray in the middle and red on the right. A variety of palettes allow for a range of applications from brief discrete scales (e.g., three colors for Democrats, Independents, and Republicans) to continuous interpolated arrays including dozens of shades graded from blue (left) to red (right). This package greatly benefitted from building on the source code (with permission) from Ram and Wickham (2015).

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Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

NeedsCompilation no

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Repository CRAN

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amerika	<i>amerika</i>
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Description

American politics-inspired color palettes

Details

American politics-inspired color palettes

amerika_palette	<i>amerika color palette generator</i>
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Description

amerika color palette generator

Usage

```
amerika_palette("name", n, "type")
```

Arguments

name	Name of the specific palette in quotation marks. The options are: Republican, Democrat, Dem_Ind_Rep3, Dem_Ind_Rep5, Dem_Ind_Rep7
n	Number of colors to select from the palette. If null, then all colors in the palette are selected
type	Specify the type of color mapping, either "continuous" or "discrete" in quotation marks. Use "continuous" to include more colors than those in the palette. See examples below for more <code>@importFrom graphics rgb rect par image text</code>

Value

A vector of colors

References

Karthik Ram and Hadley Wickham. 2015. wesanderson: a Wes Anderson palette generator. R package version 0.3.

Examples

```
# Display each palette
amerika_palette("Republican")
amerika_palette("Democrat")
amerika_palette("Dem_Ind_Rep3")
amerika_palette("Dem_Ind_Rep5")
amerika_palette("Dem_Ind_Rep7")

# Interpolating between existing colors based on the palettes using the "continuous" type
amerika_palette(50, name = "Republican", type = "continuous")
amerika_palette(50, name = "Democrat", type = "continuous")
amerika_palette(50, name = "Dem_Ind_Rep3", type = "continuous")
amerika_palette(50, name = "Dem_Ind_Rep5", type = "continuous")
amerika_palette(50, name = "Dem_Ind_Rep7", type = "continuous")
```

amerika_palettes *American politics-inspired color palettes*

Description

Use [amerika_palette](#) to produce desired color palette

Usage

```
amerika_palettes
```

Format

An object of class list of length 5.

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